

EAST Search History

EAST Search History (Prior Art)

Ref #	Hits	Search Query	DBs	Default Operator	Plurals	Time Stamp
L1	138	(sens\$4 or trace or tracing or detect\$4 or monitor\$4 or determin\$4 or measur\$4) near7 (current or voltage or torque) with (pump or motor) with (foam or suds or bubble)	US-PGPUB; USPAT; USOCR; JPO; DERWENT	OR	ON	2011/09/13 16:39
L2	63	(sens\$4 or trace or tracing or detect\$4 or monitor\$4 or determin\$4 or measur\$4) near7 (current or voltage or torque) with (pump or motor) with (foam or suds or bubble) and (speed or rpm or velocity) near5 (pump or motor)	US-PGPUB; USPAT; USOCR; JPO; DERWENT	OR	ON	2011/09/13 16:40
L3	0	"2003019510"	US-PGPUB; USPAT; USOCR	OR	ON	2011/09/13 16:57
L4	1	"20030019510"	US-PGPUB; USPAT; USOCR	OR	ON	2011/09/13 16:57
L5	60	((tableware or pots or crockery or silverware or flatware or dish or kitchenware or cutlery or culinary or kitchen or utensil) near5 (wash\$4 or clean\$4 OR STERILIZ\$4 OR SANITIZ\$4 OR DISINFECT\$4 OR rins\$4)) or dishwasher) and (pump) near10(foam or suds or bubble) same (speed or rpm or velocity)	US-PGPUB; USPAT; USOCR; JPO; DERWENT	OR	ON	2011/09/13 16:59

L6	18	("20020117989" "20060119310" "20060132075" "20060177204" "20060179859" "3027307" "5779450" "5859520" "6014004" "6462492" "6642681" "6832488" "6925824" "7023158" "7095204" "7102306" "7143491"). PN. OR ("7595603"). URPN.	US-PGPUB; USPAT; USOCR	OR	ON	2011/09/13 17:04
L7	3	("4347861" "5755244" "5779812").PN. OR ("7261111").URPN.	US-PGPUB; USPAT; USOCR	OR	ON	2011/09/13 17:06
L8	32	(US-20040173245-\$ or US- 20030019510-\$ or US- 20050005952-\$ or US- 20030140947-\$ or US- 20060005863-\$ or US- 20020190687-\$).did. or (US-3810480-\$ or US- 5709237-\$ or US-5755244- \$ or US-5762080-\$ or US- 7472711-\$ or US-5909743- \$ or US-6103017-\$ or US- 7146670-\$ or US-7241347- \$ or US-5313964-\$ or US- 5330580-\$ or US-6623565- \$ or US-6182674-\$ or US- 5470142-\$ or US-4097307- \$ or US-5284523-\$ or US- 5408716-\$ or US-6605157- \$ or US-6830239-\$ or US- 7595603-\$ or US-7261111- \$).did. or (US-3542594-\$ or US-3359766-\$).did. or (JP-05261057-\$).did. or (DE-2555052-\$ or JP- 2005000511-\$).did.	US-PGPUB; USPAT; USOCR; JPO; DERWENT	OR	ON	2011/09/13 17:32
L10	0	"I8" and (sens\$4 or trace or tracing or detect\$4 or monitor\$4 or determin\$4 or measur\$4) near7 (current or voltage or torque) with (pump or motor) with (foam or suds or bubble)	US-PGPUB; USPAT; USOCR; JPO; DERWENT	OR	ON	2011/09/13 17:33

S1	24	((tableware or pots or crockery or silverware or flatware or dishes or kitchenware or cutlery or culinary or kitchen or utensil) near5 (wash\$4 or clean\$4 OR STERILIZ\$4 OR SANITIZ\$4 OR DISINFECT\$4 OR rins\$4)) or dishwasher) and sump and (pump near5 (circulat\$4 or recirculat\$4 or recycl\$4)) and (pump near5 (drain or outlet)) and (current near5 (sens\$4 or trace or tracing or detect\$4 or monitor\$4 or determin\$4 or measur\$4))	US-PGPUB; USPAT; USOCR	OR	ON	2009/06/25 15:15
S2	20	((tableware or pots or crockery or silverware or flatware or dishes or kitchenware or cutlery or culinary or kitchen or utensil) near5 (wash\$4 or clean\$4 OR STERILIZ\$4 OR SANITIZ\$4 OR DISINFECT\$4 OR rins\$4)) or dishwasher) and sump and (pump near5 (circulat\$4 or recirculat\$4 or recycl\$4)) and (pump near5 (drain or outlet)) and (current near5 (sens\$4 or trace or tracing or detect\$4 or monitor\$4 or determin\$4 or measur\$4)) and filter and motor	US-PGPUB; USPAT; USOCR	OR	ON	2009/06/25 15:15
S3	26	((tableware or pots or crockery or silverware or flatware or dishes or kitchenware or cutlery or culinary or kitchen or utensil) near5 (wash\$4 or clean\$4 OR STERILIZ\$4 OR SANITIZ\$4 OR DISINFECT\$4 OR rins\$4)) or dishwasher) and sump and (pump near5 (circulat\$4 or recirculat\$4 or recycl\$4)) and (pump near5 (drain or outlet or discharg\$4)) and (current near5 (sens\$4 or trace or tracing or detect\$4 or monitor\$4 or determin\$4 or measur\$4))	US-PGPUB; USPAT; USOCR	OR	ON	2009/06/25 15:17

		(\$4))				
S4	47	((tableware or pots or crockery or silverware or flatware or dishes or kitchenware or cutlery or culinary or kitchen or utensil) near5 (wash\$4 or clean\$4 OR STERILIZ\$4 OR SANITIZ\$4 OR DISINFECT\$4 OR rins\$4)) or dishwasher) and sump and (pump near5 (circulat\$4 or recirculat\$4 or recycl\$4)) and (pump near5 (drain or outlet or discharge\$4)) and (current near5 (sens\$4 or trace or tracing or detect\$4 or monitor\$4 or determin\$4 or measur\$4 or control\$4))	US-PGPUB; USPAT; USOCR	OR	ON	2009/06/25 15:20
S5	57	((tableware or pots or crockery or silverware or flatware or dishes or kitchenware or cutlery or culinary or kitchen or utensil) near5 (wash\$4 or clean\$4 OR STERILIZ\$4 OR SANITIZ\$4 OR DISINFECT\$4 OR rins\$4)) or dishwasher) and sump and (pump near5 (circulat\$4 or recirculat\$4 or recycl\$4)) and (pump near5 (drain or outlet or discharge\$4)) and ((current or voltage) near5 (sens\$4 or trace or tracing or detect\$4 or monitor\$4 or determin\$4 or measur\$4 or control\$4))	US-PGPUB; USPAT; USOCR	OR	ON	2009/06/25 15:25
S6	41	("3090391" "3099992" "3301188" "3491780" "3502090").PN. OR ("3810480").URPN.	US-PGPUB; USPAT; USOCR	OR	ON	2009/06/25 15:27
S7	11	S6 and (current or voltage)	US-PGPUB; USPAT; USOCR	OR	ON	2009/06/25 15:28
S8	15	("3430861" "3587939" "3645453" "3810480" "4509687" "4843218" "5165433").PN. OR ("5709237").URPN.	US-PGPUB; USPAT; USOCR	OR	ON	2009/06/25 15:37

S9	35	("2668091" "3017892" "3139744" "3288154" "3430861" "3587939" "3645453" "3810480" "4509687" "4843218" "5165433").PN. OR ("5755244").URPN.	US-PGPUB; USPAT; USOCR	OR	ON	2009/06/25 15:40
S10	35	S8 or S9	US-PGPUB; USPAT; USOCR	OR	ON	2009/06/25 15:40
S11	36	("2024952" "2729219" "3034519" "3810480" "4038103" "4168715" "4201345" "4279384" "4350306" "4795102" "4848382" "4972861" "5097855" "5143306" "5184635" "5320120" "5429679").PN. OR ("5762080").URPN.	US-PGPUB; USPAT; USOCR	OR	ON	2009/06/25 15:41
S12	67	S10 or S11	US-PGPUB; USPAT; USOCR	OR	ON	2009/06/25 15:41
S13	20	("20020157995" "2439535" "2879026" "3807419" "3810480" "4038103" "4559959" "5167248" "5700329" "5779812" "5900070" "5909743" "6103017" "6182674" "6234184" "6293289" "6418943" "6832617").PN. OR ("7472711").URPN.	US-PGPUB; USPAT; USOCR	OR	ON	2009/06/25 15:43
S15	33	("3457929" "3807418" "4319599" "4392891" "4477343" "4559959" "4673441" "4972861" "5010920" "5097855" "5165435" "5320120" "5401397" "5429679" "5601660" "5779812"). PN. OR ("5909743"). URPN.	US-PGPUB; USPAT; USOCR	OR	ON	2009/06/25 15:45
S16	103	S15 or S12 or S13	US-PGPUB; USPAT; USOCR	OR	ON	2009/06/25 15:45

S17	38	("2024952" "2729219" "3034519" "3457929" "3807418" "3810480" "4038103" "4168715" "4201345" "4279384" "4319599" "4350306" "4392891" "5429679" "5601660" "5762080" "5779812").PN. OR ("6103017").URPN.	US-PGPUB; USPAT; USOCR	OR	ON	2009/06/25 15:46
S18	108	S16 or S17	US-PGPUB; USPAT; USOCR	OR	ON	2009/06/25 15:46
S19	30	S18 and (current or voltage)	US-PGPUB; USPAT; USOCR	OR	ON	2009/06/25 15:48
S20	18	("20020066555" "3623991" "3903909" "4011101" "4086929" "4209343" "4509543" "5458851" "5462606" "5545259" "5558841" "5670467" "5681400" "5820689" "6103017" "6109278" "6403551"). PN. OR ("6551414"). URPN.	US-PGPUB; USPAT; USOCR	OR	ON	2009/06/25 15:51
S21	17	("4481786" "4697230" "4700148" "4813248" "4857814" "5247231" "5436825" "5545259" "5604387" "5762080" "5856736" "5917690" "6035235" "6189171" "6486616" "RE37360"). PN. OR ("7146670"). URPN.	US-PGPUB; USPAT; USOCR	OR	ON	2009/06/25 15:53
S22	2	"20040173245"	US-PGPUB; USPAT; USOCR	OR	ON	2009/06/25 15:59
S23	18	"4511312"	US-PGPUB; USPAT; USOCR	OR	ON	2009/06/25 16:06
S24	0	"2003019510"	US-PGPUB; USPAT; USOCR	OR	ON	2009/06/25 16:07
S25	1	"20030019510"	US-PGPUB; USPAT; USOCR	OR	ON	2009/06/25 16:07
S26	14	"10186714"	US-PGPUB; USPAT; USOCR	OR	ON	2009/06/25 16:08
S27	13	"6811617"	US-PGPUB; USPAT; USOCR	OR	ON	2009/06/25 16:11
S28	15	"10186739"	US-PGPUB; USPAT; USOCR	OR	ON	2009/06/25 16:11

S29	18	("4392891" "4730630" "5313964" "5320120" "5330580" "5345957" "5383486" "5429679" "5797409" "5800628" "5806541" "5848601" "5909743" "5957144" "6007640" "6103017" "6182674" "6605157"). PN. OR ("7241347"). URPN.	US-PGPUB; USPAT; USOCR	OR	ON	2009/06/25 16:13
S30	10	S29 and (current or voltage)	US-PGPUB; USPAT; USOCR	OR	ON	2009/06/25 16:13
S31	33	("3359766" "3478373" "3508287" "4097307" "4481786" "4697293" "4741357" "4835991" "4950969" "5161110"). PN. OR ("5330580"). URPN.	US-PGPUB; USPAT; USOCR	OR	ON	2009/06/25 16:18
S32	25	("3359766" "3478373" "3508287" "4097307" "4697293" "4741357" "4835991").PN. OR ("5313964").URPN.	US-PGPUB; USPAT; USOCR	OR	ON	2009/06/25 16:19
S33	38	S31 or S32	US-PGPUB; USPAT; USOCR	OR	ON	2009/06/25 16:19
S34	24	("1887086" "2865569" "3587939" "3645453" "3810480" "4843218"). PN. OR ("5470142"). URPN.	US-PGPUB; USPAT; USOCR	OR	ON	2009/06/25 16:31
S35	1	("2005/0005952").URPN.	USPAT	OR	ON	2009/06/25 16:40
S36	1	"10598785"	US-PGPUB; USPAT; USOCR	OR	ON	2010/09/21 17:08
S37	31220	(pump) with (torque or current or voltage) near7 (sens\$4 or trace or tracing or detect\$4 or monitor\$4 or determin\$4 or measur \$4 or control\$4)	US-PGPUB; USPAT; USOCR	OR	ON	2010/09/21 17:26
S38	22493	(pump) near10 (torque or current or voltage) near3 (sens\$4 or trace or tracing or detect\$4 or monitor\$4 or determin\$4 or measur \$4 or control\$4)	US-PGPUB; USPAT; USOCR	OR	ON	2010/09/21 17:27

S39	55	(pump) near10 (torque or current or voltage) near3 (sens\$4 or trace or tracing or detect\$4 or monitor\$4 or determin\$4 or measur\$4 or control\$4) with viscosity	US-PGPUB; USPAT; USOCR	OR	ON	2010/09/21 17:33
S42	96	((tableware or pots or crockery or silverware or flatware or dishes or kitchenware or cutlery or culinary or kitchen or utensil) near5 (wash\$4 or clean\$4 OR STERILIZ\$4 OR SANITIZ\$4 OR DISINFECT\$4 OR rins\$4)) or dishwasher) and (pump near5 (circulat\$4 or recirculat\$4 or recycl\$4) and ((current or voltage or torque) near5 (sens\$4 or trace or tracing or detect\$4 or monitor\$4 or determin\$4 or measur\$4 or control\$4)) with pump	US-PGPUB; USPAT; USOCR	OR	ON	2010/09/22 16:54
S43	107	((wash\$4 or dry\$4 or laundry or fabric) near5 (appliance or machine or cloth\$4 or textile or garment or fabric)) and (pump near5 (circulat\$4 or recirculat\$4 or recycl\$4) and ((current or voltage or torque) near5 (sens\$4 or trace or tracing or detect\$4 or monitor\$4 or determin\$4 or measur\$4 or control\$4)) with pump	US-PGPUB; USPAT; USOCR	OR	ON	2010/09/22 16:55
S44	26	("20030196278" "20040111807" "20040118435" "20060237052" "20070102030" "20070181154" "20070272602" "20080128000" "20080128001" "3807418" "3888269" "5603233" "5729025" "5797409" "5800628" "5803985" "5806541" "5957144" "6007640" "6182674" "6432216" "6887318" "7086406"	US-PGPUB; USPAT; USOCR	OR	ON	2010/09/23 08:54

		"7241347" "7246396" "7371288").PN.				
S45	3	uz-atilla\$ in. or dirill-orhan \$.in. or bayraktar-songul\$. in.	US-PGPUB; USPAT; USOCR	OR	ON	2010/09/23 09:02
S46	15	("20040173245" "20050284507" "4097307" "5284523" "5313964" "5330580" "5408716" "5700329" "5755244" "5762080" "5909743" "6103017" "6182674" "6605157" "6623565").PN.	US-PGPUB; USPAT; USOCR	OR	ON	2010/09/23 09:09
S53	11	((tableware or pots or crookery or silverware or flatware or dishes or kitchenware or cutlery or culinary or kitchen or utensil) near5 (wash\$4 or clean\$4 OR STERILIZ\$4 OR SANITIZ\$4 OR DISINFECT\$4 OR rins\$4)) or dishwasher) and (pump near5 (circulat\$4 or recirculat\$4 or recycl\$4)) and ((current or voltage or torque) near5 (sens\$4 or trace or tracing or detect\$4 or monitor\$4 or determin\$4 or measur\$4 or control\$4)) with pump	EPO; JPO; DERWENT	OR	ON	2010/09/23 09:37
S54	5	((wash\$4 or dry\$4 or laundry or fabric) near5 (appliance or machine or cloth\$4 or textile or garment or fabric)) and (pump near5 (circulat\$4 or recirculat\$4 or recycl \$4)) and ((current or voltage or torque) near5 (sens\$4 or trace or tracing or detect\$4 or monitor\$4 or determin\$4 or measur \$4 or control\$4)) with pump	EPO; JPO; DERWENT	OR	ON	2010/09/23 09:37
S55	1	"20030195510"	EPO; JPO; DERWENT	OR	ON	2010/09/23 09:50
S56	1	"20030195510"	US-PGPUB; USPAT; USOCR	OR	ON	2010/09/23 09:50
S58	1	"20030019510"	US-PGPUB; USPAT; USOCR	OR	ON	2010/09/23 09:50

S59	26	(US-20040173245-\$ or US-20030019510-\$ or US-20050005952-\$ or US-20030140947-\$).did. or (US-3810480-\$ or US-5709237-\$ or US-5755244-\$ or US-5762080-\$ or US-7472711-\$ or US-5909743-\$ or US-6103017-\$ or US-7146670-\$ or US-7241347-\$ or US-5313964-\$ or US-5330580-\$ or US-6623565-\$ or US-6182674-\$ or US-5470142-\$ or US-4097307-\$ or US-5284523-\$ or US-5408716-\$ or US-6605157-\$).did. or (US-3542594-\$ or US-3359766-\$).did. or (JP-05261057-\$).did. or (DE-2555052-\$).did.	US-PGPUB; USPAT; USOCR; JPO; DERWENT	OR	ON	2010/09/23 11:05
S60	4	S59 and (dirty or viscosity or soil) same (pump or motor) near5 (current or voltage or torque)	US-PGPUB; USPAT; USOCR; JPO; DERWENT	OR	ON	2010/09/23 11:05
S61	4	S59 and (dirt\$4 or viscosity or soil\$4) same (pump or motor) near5 (current or voltage or torque)	US-PGPUB; USPAT; USOCR; JPO; DERWENT	OR	ON	2010/09/23 11:06
S62	4	S59 and (dirt\$4 or viscosity or soil\$4 or particle or debris) same (pump or motor) near5 (current or voltage or torque)	US-PGPUB; USPAT; USOCR; JPO; DERWENT	OR	ON	2010/09/23 11:06
S63	13	("134".clas. or "68".clas. or 8/158,159.ccls.) and (sens\$4 or trace or tracing or detect\$4 or monitor\$4 or determin\$4 or measur \$4) near7 (dirt\$4 or viscosity or soil\$4 or particle or debris) same (pump or motor) near7 (current or voltage or torque)	US-PGPUB; USPAT; USOCR; JPO; DERWENT	OR	ON	2010/09/23 11:08

S64	338	(sens\$4 or trace or tracing or detect\$4 or monitor\$4 or determin\$4 or measur\$4) near4 (dirt\$4 or viscosity or soil\$4 or particle or debris) with (pump or motor) near4 (current or voltage or torque)	US-PGPUB; USPAT; USOCR; JPO; DERWENT	OR	ON	2010/09/23 11:31
S65	22	("134".clas. or "68".clas. or 8/158,159.ccls.) and (sens\$4 or trace or tracing or detect\$4 or monitor\$4 or determin\$4 or measur\$4) near7 (current or voltage or torque) near20 (pump or motor) same (foam or suds or bubble)	US-PGPUB; USPAT; USOCR; JPO; DERWENT	OR	ON	2010/09/23 12:00
S66	57	(sens\$4 or trace or tracing or detect\$4 or monitor\$4 or determin\$4 or measur\$4) near7 (current or voltage or torque) near4 (pump or motor) with (foam or suds or bubble)	US-PGPUB; USPAT; USOCR; JPO; DERWENT	OR	ON	2010/09/23 12:04
S67	123	(sens\$4 or trace or tracing or detect\$4 or monitor\$4 or determin\$4 or measur\$4) near7 (current or voltage or torque) with (pump or motor) with (foam or suds or bubble)	US-PGPUB; USPAT; USOCR; JPO; DERWENT	OR	ON	2010/09/23 12:11
S69	1564	134/111.ccls.	US-PGPUB; USPAT; USOCR	OR	ON	2010/09/23 20:14
S71	18	"4511312"	US-PGPUB; USPAT; USOCR	OR	ON	2010/09/23 20:18
S72	6	"5340282"	US-PGPUB; USPAT; USOCR	OR	ON	2010/09/23 20:18

9/ 13/ 2011 6:12:35 PM

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